

Neuron Navigator 1 Polyclonal Antibody

Catalog No: YT3069

Reactivity: Human; Mouse

Applications: IHC;IF;ELISA

Target: Neuron Navigator 1

Gene Name: NAV1

Protein Name: Neuron navigator 1

Q8NEY1

Q8CH77

Human Gene Id: 89796

Human Swiss Prot

No:

Mouse Gene ld: 215690

Mouse Swiss Prot

No:

Immunogen: Synthesized peptide derived from Neuron Navigator 1 . at AA range: 510-590

Specificity: Neuron Navigator 1 Polyclonal Antibody detects endogenous levels of Neuron

Navigator 1 protein.

Formulation : Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

Dilution : IHC 1:100 - 1:300. ELISA: 1:40000.. IF 1:50-200

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

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Observed Band: 200kD

Background: This gene belongs to the neuron navigator family and is expressed

predominantly in the nervous system. The encoded protein contains coiled-coil domains and a conserved AAA domain characteristic for ATPases associated with a variety of cellular activities. This gene is similar to unc-53, a Caenorhabditis elegans gene involved in axon guidance. The exact function of this gene is not known, but it is thought to play a role in in neuronal development and

regeneration. Alternative splicing results in multiple transcript variants. [provided

by RefSeq, Nov 2009],

Function: developmental stage:Expressed in fetal brain and heart.,function:May be

involved in neuronal migration., similarity: Belongs to the Nav/unc-53 family., subcellular location: Associates with a subset of microtubule plus ends.

Enriched in neuronal growth cones., subunit: Interacts with tubulin., tissue specificity: Broadly expressed at low levels. Expressed at high levels in heart,

skeletal muscle and placenta.,

Subcellular Cytoplasm, cytoskeleton . Associates with a subset of microtubule plus ends.

Enriched in neuronal growth cones (By similarity). .

Expression : Broadly expressed at low levels. Expressed at high levels in heart, skeletal

muscle and placenta.

Sort : 10723

No4: 1

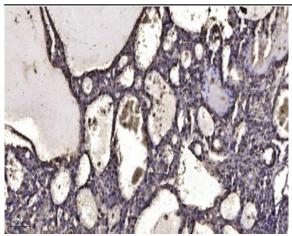
Location:

Host: Rabbit

Modifications: Unmodified

Products Images

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Immunohistochemical analysis of paraffin-embedded human liver cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).